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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: SUZUKI, Jun

Group Art Unit: Not Yet Assigned

Serial No.: 10/594,948

Examiner: Not Yet Assigned

Filed: September 29, 2006

For. ACTUATOR FOR PICKUP, PICKUP DEVICE, RECORDING MEDIUM DRIVE DEVICE, AND METHOD OF MANUFACTURING ACTUATOR FOR PICKUP

LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

March 29, 2007

Sir:

The attention of the Patent and Trademark Office is hereby directed to the PCT Notification of Transmittal of copies of translation of the International Preliminary Report on Patentability (PCT Chapter II) attached herewith.

This Notification is submitted herewith to be placed in the U.S. Patent and Trademark Office file of this case.

Respectfully submitted,

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Reg. No. 31,898

MRQ/lrj

Atty. Docket No. **060737** 1725 K Street, N.W.; Suite 1000 Washington, D.C. 20006 (202) 659-2930

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PATENT TRADEMARK OFFICE

Enclosures: PCT Notification of Transmittal of Copies of Translation of the International Preliminary Report on Patentability (PCT Chapter II).

PATENT COOPERATION TREATY

TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference								
58P0994W0120	FOR FURTHER	ACTION	See Form PCT/IPEA/416					
International application No.	International filing	date (day/month/year)	Priority date (day/month/year)					
PCT/JP2005/006153 30.03.2		05	30.03.2004					
International Patent Classification (IPC) or national classification an	d IPC						
G11B7/09(2006.0	1)i, G11B7/22(2	006.01)i						
Applicant PIONEER CORPORA	TION							
This report is the internal under Article 35 and trans	tional preliminary examination r smitted to the applicant according	eport, established by this	s International Preliminary Examining Authority					
2. This REPORT consists of		sheets, including t	his cover sheet.					
 This report is also accomp 	panied by ANNEXES, comprising							
a. (sent to the an	plicant and to the International F	Surveyu) a total of 8						
sheets of sheets co	a. (sent to the applicant and to the International Bureau) a total of sheets, as follows: sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).							
sheets w the discle Box.	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.							
b. (sent to the Int	ernational Bureau only) a total o	f (indicate type and numb	per of electronic carrier(s))					
			, containing a sequence listing and/or tables					
related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).								
4. This report contains indica	ntions relating to the following ite	ems:						
Box No. I I	Basis of the report							
Box No. II	Priority							
Box No. III	Non-establishment of opinion wit	h regard to novelty inver	ntive step and industrial applicability					
1 1	Lack of unity of invention		arre step and modulina applicability					
Box No. V	N							
	Certain documents cited	C						
Box No. VII (Certain defects in the internationa	l application						
	Certain observations on the intern							
Date of submission of the demand								
or the demand		Date of completion of the	nis report					
Name and mailing address of the IPEA/JP		Authorized officer						
•		- I Sinor ized office						
Facsimile No.		Telephone No						

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2005/006153

Во	x No.	I	Basis of the report		 _	
l.	Wit	h regar	d to the language, this report is based on:	······································		
	\boxtimes	the in	ternational application in the language in which it was	s filed		
		the tr	anslation of the international application into ation furnished for the purposes of:		·	, which is the language of a
			international search (Rule 12.3(a) and 23.1(b))			
			publication of the international application (Rule 12.4	(a))		
		Ш	international preliminary examination (Rule 55.2(a) a			
2.		h regard viving C report)	to the elements of the international application, this affice in response to an invitation under Article 14 ar	report is based on (replacement see referred to in this report as "o	sheets wh riginally	tich have been furnished to the filed" and are not annexed to
		the in	ternational application as originally filed/furnished			
	M	the de	escription:			
		pages	1, 5-17			as originally filed/furnished
		pages	* _4	received by this Authority on	27.01	.2006
•		pages	* 2,3,3/1	received by this Authority on	18.07	.2006
	\boxtimes	the cla	aims:			
		nos.				as originally filed/furnished
		nos.*			r with an	y statement) under Article 19
		nos.*	1 12 22	received by this Authority on		
		nos.*		-	18.07	.2006
	\boxtimes	the dr	nwings:	tecerved by this Admortty on _		
		sheets	- -			
		sheets				as originally filed/furnished
		sheets		_		
				received by this Authority on		
			ence listing and/or any related table(s) – see Suppleme	ental Box Relating to Sequence Li	sting.	
3.			nendments have resulted in the cancellation of:			
			he description, pages			
		$\overline{}$	he claims, nos. 2-11			·
		닏 '	he drawings, sheets/figs			
		╝,	he sequence listing (specify):			
		L] a	ny table(s) related to sequence listing (specify):			
4.		This re	port has been established as if (some of) the amendr we been considered to go beyond the disclosure as file	nents annexed to this report and led, as indicated in the Supplement	listed bel al Box (F	ow had not been made, since Rule 70.2(c)).
			ne description, pages			\
		l I	ne claims, nos.	··		
	ĺ	u	ne drawings, sheets/figs			
		₍₁				
	[ny table(s) related to sequence listing (specify):			
ŧ	If iten		ies. some or all of those sheets may be marked "super	seded."		

International application No.
PCT/JP2005/006153

Box	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	 -
1.	Statement	
	Novelty (N) Claims 1, 12-22 Claims	
	Inventive step (IS) Claims $14-17$, 21 Claims 1 , 12 , 13 , $18-20$, 22	YE
	Industrial applicability (IA) Claims 1, 12-22 Claims	· YE
2.	Citations and explanations (Rule 70.7)	
	Document 1: JP 2003-346366 A (Mitsubishi Electric Corp.), 05 December 2003, paragraphs [0014] to [0048], fig. 1 to 16	
	Document 2: JP 2004-47060 A (Samsung Electronics Co.,	
	Ltd.), 12 February 2004, paragraphs [0012] to [0019], fig. 5 to 9	
	Document 3: JP 2001-93177 A (Hitachi Media Electronics Co., Ltd.), 06 April 2001, paragraphs [0036] to [0040], fig. 4 to 6	
	Document 4: JP 7-050023 (Matsushita Electric Industrial Co., Ltd.), 21 February 1995, paragraphs [0005] to [0030], fig. 1 to 8 & US 5467328 A1	
	Document 5: JP 2001-229555 A (Pioneer Electronic Corp.), 24 August 2001, paragraphs [0016] to [0087], fig. 1 to 25	
	Document 6: JP 2001-344784 A (Matsushita Electric Industrial Co., Ltd.), 14 December 2001, paragraphs [0021] to [0044], fig. 1 to 5	
	The inventions set forth in claims 1, 12, 13 and 18 to 20 do not involve an inventive step in the light of the inventions disclosed in documents 1 and 2, which are	

International application No.
PCT/JP2005/006153

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

cited in the international search report, and the inventions disclosed in documents 3 and 4, which are cited in the international search report. It would have been easy for a person skilled in the art to conceive of modifying the objective lens driving devices disclosed in documents 1 and 2 so that the rolling center is aligned with the center of gravity or the support center, like in the invention disclosed in document 3, or so that the support center is aligned with the center of gravity or the driving center, like in the invention disclosed in document 4.

The invention set forth in claim 22 does not involve an inventive step in the light of the inventions disclosed in documents 1 to 3 and the inventions disclosed in the abovementioned sections of documents 4 and 5, which are cited in the international search report. Inventions wherein an insert molding process is carried out during the production of an objective lens driving device are well known in the pertinent technical field, as disclosed in documents 4 and 5.

The inventions set forth in claims 14 to 17 and 21 are not disclosed in any of the documents that are cited in the international search report, and would not have been obvious to a person skilled in the art.